

Title (en)  
HIV PEPTIDES, ARTIFICIAL HIV ANTIGENS AND IMMUNOASSAY KITS

Title (de)  
HIV-PEPTIDE, KÜNSTLICHE HIV-ANTIGENE UND IMMUNTESTSÄTZE

Title (fr)  
PEPTIDE DE VIH, ANTIGENES ARTIFICIELS DE VIH ET KITS D'IMMUNODOSAGE

Publication  
**EP 0396559 B1 19960814 (EN)**

Application  
**EP 88909626 A 19881027**

Priority  
• SE 8800570 W 19881027  
• SE 8704185 A 19871028

Abstract (en)  
[origin: WO8903844A1] An artificial peptide having an amino acid sequence which corresponds to a naturally occurring amino acid sequence of an HIV comprising an epitope and which further has two cysteine residues located on each side of said epitope, and further having a sulphur bridge between said two cysteine residues, which has been formed by a chemical oxidation step, is described. Furthermore, an artificial antigen which reacts with antibodies induced by an HIV is described. Said antigen mainly consists of an artificial peptide according to the invention. Additionally, a method of detecting antibodies induced by an HIV in a sample of body fluid, wherein said sample is subjected to an immunoassay, especially ELISA, and wherein an artificial antigen according to the invention is used as a diagnostic antigen, is described. A diagnostic immunoassay kit for said method is also described. Finally, a vaccine composition comprising, as an immunizing component, at least one antigen according to the invention, is described.

IPC 1-7  
**C07K 7/04**; **G01N 33/569**; **A61K 39/21**

IPC 8 full level  
**G01N 33/53** (2006.01); **A61K 38/00** (2006.01); **A61K 39/21** (2006.01); **A61P 31/12** (2006.01); **A61P 31/18** (2006.01); **C07K 1/113** (2006.01); **C07K 7/06** (2006.01); **C07K 7/08** (2006.01); **C07K 14/00** (2006.01); **C07K 14/155** (2006.01); **C07K 14/16** (2006.01); **C07K 17/08** (2006.01); **C07K 17/14** (2006.01); **G01N 33/569** (2006.01)

CPC (source: EP US)  
**A61P 31/12** (2017.12 - EP); **A61P 31/18** (2017.12 - EP); **C07K 14/005** (2013.01 - EP US); **C12N 2740/16122** (2013.01 - EP US)

Citation (examination)  
• JOURNAL OF IMMUNOLOGY, vol. 137, no. 9, 01 November 1986; J.S. McDOUGAL et al., pp. 2937-2944  
• JOURNAL OF GENERAL VIROLOGY, vol. 68, 1987; G. WINKLER et al., pp. 2239-2244

Cited by  
US7094884B2; US7094757B2; US6962982B2; US7244575B2; EP2267452A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**WO 8903844 A1 19890505**; AT E141286 T1 19960815; DE 3855479 D1 19960919; DE 3855479 T2 19970102; DK 104590 A 19900626; DK 104590 D0 19900427; EP 0396559 A1 19901114; EP 0396559 B1 19960814; FI 902143 A0 19900427; IL 88224 A0 19890630; JP 2818797 B2 19981030; JP 3231666 B2 20011126; JP H03500648 A 19910214; JP H10101697 A 19980421; NO 302369 B1 19980223; NO 901899 D0 19900427; NO 901899 L 19900427; SE 8704185 D0 19871028; SE 8704185 L 19890429; US 5981170 A 19991109

DOCDB simple family (application)  
**SE 8800570 W 19881027**; AT 88909626 T 19881027; DE 3855479 T 19881027; DK 104590 A 19900427; EP 88909626 A 19881027; FI 902143 A 19900427; IL 8822488 A 19881028; JP 20944197 A 19970804; JP 50889388 A 19881027; NO 901899 A 19900427; SE 8704185 A 19871028; US 47399490 A 19900622